

HINCHLIFFE SYSTEM 65SG

SCOPE

The specification defines the materials, construction and finish of the Hinchliffe system 65SG structural silicone glazed curtain wall system.

MATERIALS

Aluminium profiles are extruded from alloy 6063 T6 complying with the recommendations of BS 1474 1987.

Does the copy need rewriting in format / style sections as Alarbond & Alarclad etc?

Illustration required

DESIGN

The 'front seal' system incorporates drainage and ventilation. Every infill is individually drained at each transom without mullion drainage.

100mm mullion profiles plus corner profiles and related sections provide a full range of structural and aesthetic options. Opening ventilators are available to insert into the system.

FINISH

Available in Mill finish

Polyester Powder coat paint to BS6496: 1984 to the full RAL range available.

The following standards are complied with BS 5750 1987 ISO 9001 for extrusions.

BS 5368 method of testing.

BS 8200 external building enclosures.

GLAZING

Insulated units can be accommodated up to 24mm thickness and glass must conform to BS6262. The edge seal of the unit must be compatible with other seals or materials that it may contact with.

The glass is bonded to the carrier frame by specialists in a controlled environment using Dow Corning Hansil structural silicone adhesive and spacer tapes.

The area of bond and area of edge seal of any double glass sealed units is calculated to suit the weight, dimensions and exposure of the bonded unit or panel.

A strict regime of batch testing of the applied bond and the adhesive product is operation by the specialist and adhesive manufacturer. The test results and certificates of conformity are made available for publication with project documentation.

PERFORMANCE

Air permeability- satisfied the requirements of BS6375 and BS5368 part I.

Water tightness- satisfied the requirements of BS6375 and BS5368 part II.

Wind resistance- satisfied the requirements of BS6375 and BS5368 part III.

AM Profiles Ltd reserve the right to change designs and specification without prior notification.